Radio / CD

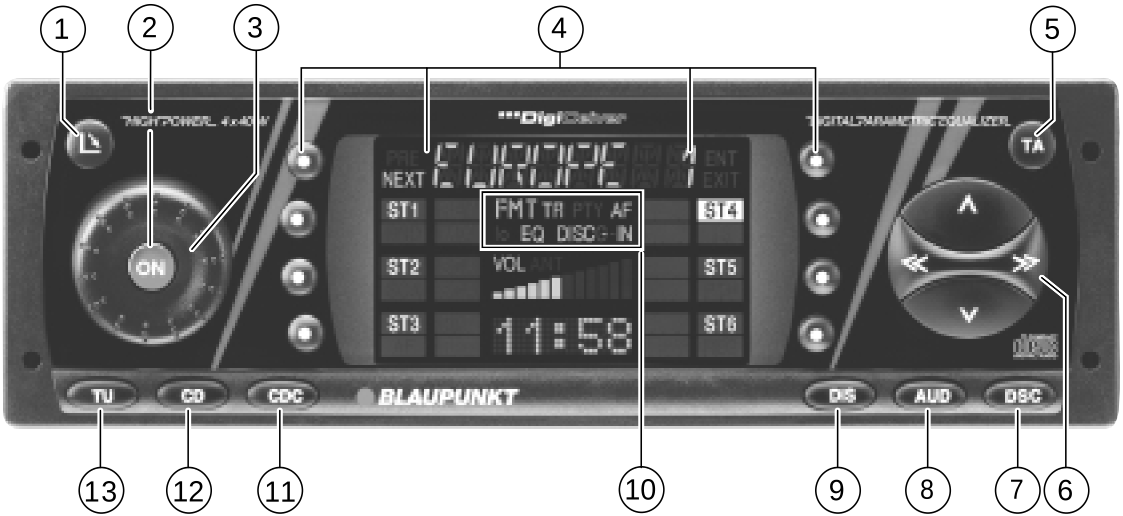
Tokyo RDM 169

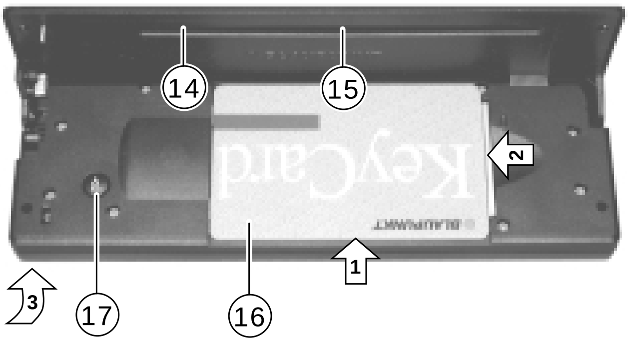


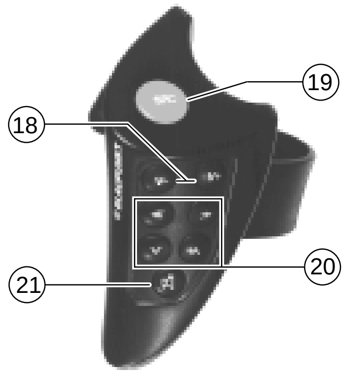
Operating instructions
Manuel d'utilisation
Instrucciones de manejo
Instrução de serviço

Installation instructions
Instructions de montage
Instrucciones de montaje
Instruções de montagem

BLAUPUNKT
Bosch Gruppe







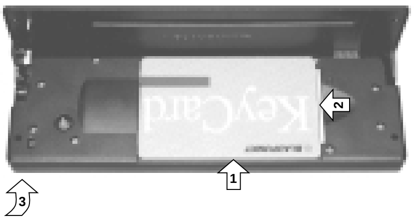
Optional / Tilval /
/ Opcional / Opção

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ENGLISH

① **Unlocking the fold-down operating panel**

It is possible to insert or remove the KeyCard and the CD when the operating panel is unlocked.
To unlock the panel press ①, the operating panel will fold down. The operating panel cannot be removed. Do not use the panel as a rest or shelf.
To lock the panel, push it back into its starting position (arrow 3).



For safety's sake, the operating panel must remain locked when the vehicle is in motion.
When you leave the vehicle, unlock the panel and remove the KeyCard to protect the equipment against theft.

② **ON**

Switching the unit on:
With the KeyCard inserted, press **ON** briefly.
The unit will begin to play in the operating mode selected last at the pre-set volume.



To switch off the unit:
Press **ON** for approx. 1 second.

! The viewing angle of the display can be adjusted individually to ensure optimum legibility. If necessary, refer to the section on "Optimizing the display legibility".

Switching the sound on/off:
Press **ON** briefly. When the sound has been switched off, "MUTE" will appear in the display.
The sound can be switched on again by turning the volume knob ③.

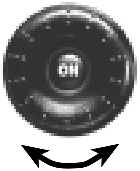
Switching the unit on/off with the KeyCard:
The unit switches on or off when the KeyCard is inserted or removed.
Refer to section ⑯ in the Quick Reference on the KeyCard theft protection system.

Switching the unit on/off with the ignition:
If the unit has been connected accordingly, it can be switched on and off with the car ignition.
After you switch off the ignition, a double beep will sound to remind you to remove the KeyCard and take it with you.

Switching the unit on with the ignition switched off:
After you have switched off the ignition (KeyCard is inserted in the unit), you can continue to operate the unit as follows:
After the double beep press **ON**.
The unit will switch on.
After the unit has played for an hour it will switch off automatically to prevent the car battery from running down.

ENGLISH

③ **Adjusting the volume**
Turn the knob to adjust the volume as desired.



The volume level selected will appear in the display. When the unit is switched on, it will automatically play at the pre-set volume (ON VOL).
It is possible to adjust the ON VOL (refer to “DSC programming - ON VOL”).

④ **Softkeys / Display**
Softkey = key with different functions
The functions which appear in the display can be selected.

<u>Radio operation</u>

While listening to the radio you can press **TU** to switch between menu level 1 and menu level 2.
The unit will return to menu level 1 automatically 8 seconds after the last key is pressed.

Menu level 1
Station keys and memory levels



NEXT - FM
Switches between the memory levels for FM I, FM II, FM T.
NEXT - AM
Switches between the AM and AMT memory banks.

ST1 - ST6
On this memory level it is possible to store radio stations on the FM levels I, II and “T” on the keys marked ST1 to ST6. 6 stations each can be stored for the AM banks AM and AMT.
Storing a radio station - Press one of the station keys from ST1 to ST6 until it is possible to hear the program again (beep).
Recalling a radio station - Select the desired band. Press **NEXT** to select the memory level required and press the corresponding station key briefly.

Menu level 2
Adjusting the radio functions



NEXT - FM
Switches between the memory levels for FM I, FM II, FM T.
NEXT - AM
Switches between the AM banks AM and AMT.

BND
Selects the band and memory level (FM I, FM II, FM T, AM, AMT).

SCA - Scan
a) PTY is switched off
(lettering is lit normally, not highlighted in the display)
Press **SCA** briefly (Radio Scan) - “SCAN” will flash in the display alternately with the abbreviation for the station being scanned. All of the radio stations within reception range will be scanned.

Press **SCA** for approx. 1 second (Preset Scan) -
You will hear a beep and “SCAN” will flash in the display alternately with the abbreviation for the station being scanned. The radio stations which have been stored on the station keys and which are currently within reception range will be scanned.

Stopping Radio Scan / Preset Scan:
Press **SCA** or the rocker switch once again.

b) PTY is switched on
(lettering is highlighted in the display)



Press **SCA** -
the stations broadcasting the programs for the PTY program type selected will be scanned.

AF (**A**lternative **F**requency for RDS operation)
If “AF” is highlighted in the display, the radio will automatically search for a frequency with better reception for the station you are tuned into.
AF on/off: Press **TU** to select menu level 2 and press **AF** longer than 2 seconds until you hear a beep.
RDS on/off: Press **TU** to select menu level 2 and press **AF** briefly.

EXIT
Press this key briefly to end or cancel an adjustment.

ENT (Enter)
Press this key briefly to accept or store an adjustment.

TS (**T**ravel**s**tore)
If you press **TS**, the radio will switch to FMT or AMT from any other bank. The six stations with the strongest reception will be stored automatically. After the stations have been stored, the radio will tune into the station with the best reception and begin to play.

PTY
(**P**rogram **Ty**pe)
With PTY the station keys become program type keys.
“PTY” must be highlighted in the display (press **PTY** if necessary).
Now it is possible to select a program type and store it on one of the station keys.
Press **<< >>** to activate the PTY program types and press the station keys to store them (press the key for approx. 2 seconds, until you hear a beep).

<u>CD and changer operation</u>



Use the corresponding softkeys to select MIX, SCAN, RPT (Repeat) and TPM in CD and changer operation.

MIX
CD tracks will be played in random order.
Press the **MIX** key to select the following functions:

- MIX CD = the tracks on the CD will be played in random order.
  If you are using a CD changer, the CDs will be selected in numerical order and the tracks in random order.
- MIX MAG (for changer operation only) = all of the tracks on all of the CDs in the magazine will be played in random order.
- MIX OFF = switches the function off.

SCA - Scan
Scans the tracks (the tracks of all the CDs for changer operation).

Start Scan:
Press **SCA**. The tracks will be scanned in ascending order one after the other. The scan time can be adjusted (see “DSC programming - SCANTIME”).

Stop Scan:
Press **SCA**. The track scanned last will begin to play.

RPT - Repeat
CD tracks or CDs in the CD changer can be repeated as often as desired. Press the **RPT** key to select one of the following functions:

- REP TRCK = Repeat track
- REP CD = Repeat CD (for changer operation only)
- RPT OFF = switches the function off

TPM - Track **P**rogram **M**emory
To store and play your favorite tracks in CD or changer operation. Up to 30 CDs for the CD drive and up to 99 CDs in the CD changer can be stored in the system with a maximum of 40 tracks each. (See the section on “TPM - Programming”)

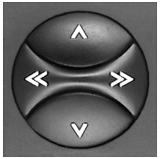
CLR
To clear the TPM memory. (See the section on “TPM - Deleting the memory”)

⑤ **TA**
To activate/deactivate the RDS function.

⑥ **Rocker switch**

Radio operation

If you press the rocker switch when the unit is on menu level 2, it will automatically return to menu level 1.

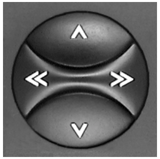


∧ / ∨	**Station seek tuning**
∧	up
∨	down
<< / >>	down/up in short intervals (for FM only when AF and PTY are switched off)

For FM only:

<< / >>	Pages through the station chain with AF on and PTY off e.g.: NDR 1, 2, 3, 4, ...

CD and changer operation



<< / >> **Select CD** (for changer operation only)
>> **up:** Press briefly
<< **down:** Press briefly

∧ / ∨ **Select track**
∧ **up:** Press briefly
CUE - fast forward (audible): Hold pressed down
∨ **down:** Press twice or repeatedly briefly
To restart the track: Press briefly
REVIEW - fast reverse (audible): Hold pressed down

Additional functions for the rocker switch:
Other adjustments are possible with
AUD ⑧
DSC-MODE ⑦
PTY
DPE
as long as the corresponding function is activated.

⑦ **DSC** (**D**irect **S**oftware **C**ontrol)
Using DSC it is possible to adjust the programmable basic settings and equalizer settings.
Further information: “DSC programming” and "Setting the equalizer".

⑧ **AUD**
Adjusts treble, bass, balance (left/right), fader (front/rear) and loudness.
Loudness = Boosts low frequency for more bass and a better adjustment to the human ear.

For FM, AM, CD and AUX it is possible to store different treble, bass and loudness settings.

How to make the settings:
Select the operating mode.
Press **AUD** once, “BASS” and the level currently selected will appear in the display.



Use **<< / >>** to select the different modes.
Use **∧ / ∨** to make the corresponding settings.
The settings selected will appear in the display. The setting selected last will be stored automatically.

Special Loudness feature:
Press **∧ / ∨** to select the setting from LOUD 6 to LOUD OFF.

Switching off AUD:
Press **EXIT or AUD**.
If you do not alter any of the settings, AUD will switch off automatically after 8 seconds.

⑨ **DIS**

Selects different display modes.

Radio operation

Press **DIS** briefly:
- Name of the current radio station
- Current frequency
- PTY code

This will not work properly unless the radio is able to receive an RDS station in adequate reception quality.



Press **DIS** for approx. 2 seconds: Display will alternate between the clock and the band (incl. the memory level).

CD operation

Press **DIS** briefly:
- Track number, clock
- Track number, time played
- CD name, track number

Changer operation

Press **DIS** briefly:
- CD number, track number, clock
- CD number, track number, time played
- CD name, track number

⑩ **Display**



NDR2	-	station name
FM	-	band
I, II, T	-	memory level I, II or Travel-store
M	-	AM band
MT	-	AM memory level Travelstore
PTY	-	Program type is activated
AF	-	Alternative frequency for RDS
lo	-	Seek tuning sensitivity ad-justable with DSC
EQ	-	Equalizer is switched on
DISC-IN	-	CD is inserted in the unit



TRACK 13	-	CD track number
or		
VIVALDI	-	CD name
or		
CD 5 T 2	-	CD number and track number (changer operation)
MIX	-	CD tracks can be played in random order
SCA	-	CD tracks are being scanned
RPT	-	Repeat function for CD/ changer operation
TPM	-	Store and play favorite CD tracks
CLR	-	Delete TPM memory



FM I, II, T	-	FM memory level
or		
AM,AMT	-	band or AM memory level T
or		
00:20	-	Time played
or		
12:50	-	Clock

⑪ **CDC**
Switches to changer operation (only if a changer is connected).
If there is no changer, the system will switch to AUX as long as AUX ON is switched on in the DSC menu.

⑫ **CD**
Switches to CD operation

⑬ **TU** (**TU**NER)
Switches to radio operation. Switches to the memory levels/bands FM I, FM II, FMT (Travelstore), AM and AMT (Travelstore).

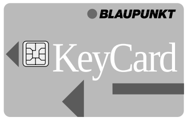
⑭ **CD insert**
When the CD is inserted with the label facing up, it will be automatically transported into the operating position. The unit will automatically switch to CD play.

⑮ **Visual theft protection**
The following conditions must be fulfilled before the light diode will flash as a visual indication of theft protection:
The unit is switched off;
The ignition is switched off;
The operating panel is folded down;
The KeyCard has been removed;

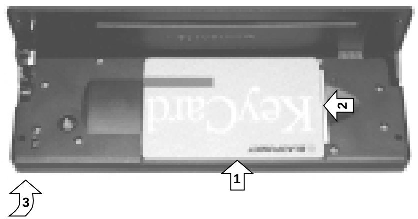
The DSC menu settings is switched to LED ON (factory setting).

For more information, refer to “DSC programming, LED ON/OFF”.

⑯ **KeyCard theft protection system**
The KeyCard must be inserted before the unit can be operated.



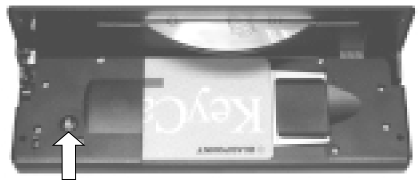
Inserting the KeyCard
Press ① to unlock the operating panel; it will fold down forwards.
Insert **the KeyCard with the contact points facing down** (see illustration).
Lock the operating panel.



Perform these steps in the reverse order to remove the KeyCard.

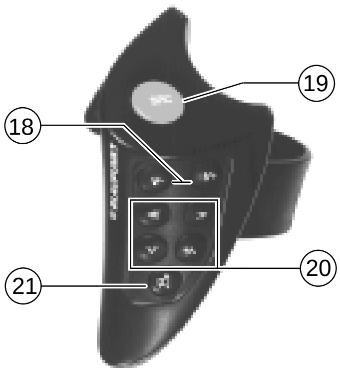
Make sure to read the information in the section on “KeyCard theft protection system”.

⑰ **Eject**
Press the CD eject button briefly and the CD will eject.



⚠ **For safety’s sake, the operating panel must remain locked when the vehicle is in motion.**
When you leave the vehicle, unlock the panel and remove the KeyCard to protect the equipment against theft.

Steering wheel remote control unit (optional)



⑱ **V- / V+**
Volume control

⑲ **SRC** (**S**ou**rc**e)
Switches operating modes
- Radio
- CD
- Changer (if a changer is connected)

⑳ **<< / >>, ∧ / ∨**

<u>Radio operation</u>

Station seek tuning
∧ up
∨ down

<< / >> down/up in short intervals (for FM only when AF and PTY are switched off)

For FM only:
<< / >> Pages through the station chain with AF on and PTY off e.g.: NDR 1, 2, 3, 4, ...

<u>CD and changer operation</u>

<< / >> **Select CD** (for changer operation only)
>> **up:** Press briefly
<< **down:** Press briefly

∧ / ∨ **Select track**
∧ **up:** Press briefly
CUE - fast forward (audible): Hold pressed down
∨ **down:** Press twice or repeatedly briefly
To restart the track: Press briefly
REVIEW - fast reverse (audible): Hold pressed down

㉑ **🔇**
Sound mute on/off:
Press 🔇 briefly. When the sound has been switched off “MUTE” will appear in the display.

Important notes

What you need to know

Before using your new car audio system, please read through the following information carefully.

Traffic safety

As the driver of a motor vehicle, it is your responsibility to pay attention to the traffic situation at all times. Never use your car audio system in a way that could distract you.

Please keep in mind that you travel a distance of approx. 45 feet per second at a speed of only 32 mph.

Should the traffic situation become particularly demanding, we advise you not to use the audio system.

Always make sure that you are still able to hear any warning signals coming from outside the vehicle, such as police or fire engine sirens, so that you can react accordingly.

Consequently, you should always select a moderate volume for playing your car audio system while you are driving.

Installation

If you would like to install your new car stereo yourself or add other audio components to existing ones, then please read the enclosed instructions on installation and connection carefully.

Telephone mute

If you have installed a car telephone in your vehicle, it is possible to automatically mute the radio or CD playback when you use the telephone (telephone mute). “PHONE” will then appear in the display.

Accessories

Use only Blaupunkt-approved accessories and spare parts.
You can use the following Blaupunkt products with this unit:

Amplifiers
All Blaupunkt amplifiers

CD changers
The following CD changers can be connected directly: CDC A 06, A 072, A 08, IDC A 09.
The A 05 and the A 071 can be connected with the adapter cable 7 607 889 093.

Guarantee/warranty

The coverage of the guarantee is determined by the laws in the country where the unit was purchased.
Regardless of the legal guarantee regulations, Blaupunkt affords a 12-month guarantee.
If you have any questions about the guarantee, please contact your dealer. Your cash register receipt is a valid guarantee coupon.

International telephone information

Have you got any questions on the operation of this equipment or do you require more information?
Give us a call!
Our numbers are:
Phone: 800-266 25 28
Fax: 708-681 71 88

This car radio comes equipped with two Key-Cards.

If you have lost your KeyCard or if it was damaged, you can buy a new one from your specialized dealer.

If you use two KeyCards, the settings stored on the first card will be transmitted to the second. However, you can individually store the following functions:

Preset button assignments, bass, treble, balance and fader settings, loudness, beep volume, LOW-EQ and HIGH-EQ.

In addition, the settings activated before the radio is switched off, such as the band, station, AF, REG ON/OFF, SCANTIME, seek tuning sensitivity, ON VOL and SHARX will also remained stored.

This ensures that you will find your basic settings re-adjusted automatically as soon as you have inserted your KeyCard.

Putting the unit into operation

- Turn on the set with **ON**.

To insert the KeyCard, unlock the operating panel by

- pressing ①, the operating panel will fold down.

- Insert the KeyCard with the contacts facing down as shown in the illustration (arrow 1).



- Push the card in the direction of the arrow (2) and lock the operating panel back into position (arrow 3).

The car radio is now ready for operation.

If a wrong KeyCard is inserted, then “CARD ERR” will appear in the display.

The system will switch off after approximately ten seconds.

If another card type is inserted (e.g. phone or credit card), the display will show “WRONG KC” for approximately two seconds.

Remove the wrong card and insert the correct KeyCard.

- Press **ON** to turn on the set.

Removing the KeyCard

To unlock the operating panel:

- Press ①, the operating panel will fold down forwards.
- Push the card in to the right as far as possible and remove it to the front.
- Push the operating panel back into position.

⚠ **For safety’s sake, the operating panel must remain locked when the vehicle is in motion.**
When you leave the vehicle, unlock the panel and remove the KeyCard to protect the equipment against theft.

“Training” a KeyCard/Replacing a KeyCard

When the unit is in operation with the first KeyCard, you can “train” another one to be also used with the set.

If you want to “train” a KeyCard:

- Insert the first KeyCard and turn on the set.
- Press the **DSC** button and press ∧ / ∨ to select “LEARN KC”.
- Press **<<** or **>>**.

The display will switch to “CHANGE”.

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- Remove the first KeyCard and insert the new one while "CHANGE" still appears in the display.

After the display indicates "LEARN OK" or "LEARN KC",

- press **DSC**.

Now you can also use the new KeyCard for operating your unit.

A maximum of two cards can be used with the set.

If you attempt "train" a third Card, the access authorization for the KeyCard not used for the "training" process will be deleted automatically.

Displaying the radio data

You can use the KeyCard supplied with your set to display the radio pass data such as the model name, product number (7 6 ...) and serial number.

Please refer to the section on "DSC programming - READ KC".

Short Additional Memory (S.A.M.)

The second KeyCard can be programmend by your dealer to read out short information, which will run through the display, for example, the phone number of your car dealer or the emergency call number of your automobile association.

The selectable text with a maximum of 162 characters can be programmed by any dealer who has the required programming equipment available.

Optical display as theft protection

Flashing light diode ⑮

When the vehicle is stationary and the KeyCard has been removed, the light diode can be switched to flash for extra anti-theft security.

For this it is necessary that the positive power supply line and the permanent +12 V lead are connected such as described in the installation instructions.
Make sure that the unit is switched off; the operating panel is unlocked; the KeyCard has been removed; "LED ON" has been selected in the DSC mode (factory setting). If necessary, please refer to the section on "DSC programming - LED".

Switching off the flashing light diode

The flashing light can be switched off by selecting "LED OFF" in the DSC menu.

Care of your KeyCard

To ensure that the KeyCard will function properly it is important that the contacts are free from any foreign particles. Avoid direct skin contact.

If necessary, clean the KeyCard contacts using a cotton swab soaked in rubbing alcohol.

Lost or damaged KeyCard

If the KeyCard for your unit is lost or damaged you can train a new KeyCard.
You can purchase the new KeyCard from any authorized dealer. You will also require the master code for the unit, which you will get from your authorized dealer.

Selecting the operating mode

You can select from among the following operating modes: radio (TU), CD and CDC (changer).

CD cannot be selected unless a CD is inserted in the drive.
CDC cannot be selected unless one of the Blaupunkt changers, the A 06, the A 072, the A 08, the A09, the A 05, or the A 071 has been connected and there is at least one CD in the magazine.

To switch the operating mode:

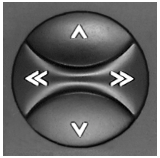
- press **TU**, **CD** or **CDC**.

If you press **TU** again, the unit will switch to menu level 2. On this level it is possible to adjust the functions for radio operation. The unit will switch back to menu level 1 automatically approx. eight seconds after the last adjustment was made.

Optimizing display legibility

The viewing angle of the display can be altered to allow optimum legibility.

- Press **DSC**.
- Press the lower part of the rocker switch **∨** until “ANGLE” appears in the display.



- Press **<< / >>** to set the best viewing angle for your position.

When you have completed the setting

- press **DSC**.

ENGLISH

The **R**adio **D**ata **S**ystem offers you more convenience when you listen to FM radio stations.

More and more radio stations have begun to broadcast RDS information alongside their programs.

As soon as a program has been identified, the station name including a regional identifier, if available, will appear in the display.

When RDS is activated, the preset buttons become program buttons. You now know exactly which program you have tuned into, making it easy to find the desired station quickly.

Activating/deactivating the RDS

Switching RDS on/off:
For radio operation

- Press the **TA** button briefly.

The setting selected will appear briefly in the display. When RDS has been activated, the AF key will be highlighted in the display.



AF - Alternative frequency

The AF (**A**lternative **F**requency) function makes sure that the strongest frequency of the currently selected program is always tuned in automatically.

Switching AF on/off:
For radio operation

- Press **TU**, menu level 2 will appear.
- Press the **AF** button until you hear a beep.

The function is activated when “AF” lights up in the display.



While searching for the strongest reception signal, the radio may switch to mute briefly.

If “SEARCH” appears in the display when you switch on the radio or recall one of the stored frequencies, this indicates that the unit is automatically searching for an alternative frequency.

“SEARCH” will disappear from the display when the alternative frequency has been found or after the frequency band has been run through completely.

If the reception quality of the selected program deteriorates beyond a certain point:

- Tune into another station.

Note: AF will be deactivated if you switch RDS off.

Selecting a band

With this car radio you can select between the following bands:

FM 87.7 - 107.9 MHz
AM 530 - 1710 kHz

- Select the desired band by pressing **TU**, menu level 2 will appear in the display.



Menu level 2

- Press **BND** (as often as required) to select the band.

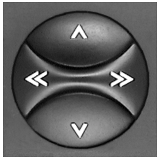
The radio will switch through the bands as follows: FM I, FM II, FMT, AM, AMT.

Station tuning

Automatic tuning ∧ / ∨

- Press ∧ / ∨; the car radio will automatically search for the next station.

If you hold ∧ / ∨ on the rocker switch pressed up or down, seek tuning will speed up in upwards or downwards direction.



Seek tuning

∧	Up
∨	Down
<<	Down in short intervals (for FM only: “AF” must be switched off)
>>	Up in short intervals (for FM only: “AF” must be switched off)

Manual tuning with << >>

You can also tune into a station manually.

In this case:
AF and PTY must be switched off (i.e. the symbols do not light up in the display).



If necessary, deactivate these functions in menu level 2.

Manual tuning:

- Press **<< >>**; the frequency will change in short intervals downwards or upwards.

If you hold the right or left part of the rocker switch pressed down, the frequency scan will accelerate.

Scrolling through the broadcasting networks (FM only)

You can use the **<< >>** buttons to tune into stations in your reception area.

Important:

a) You must have tuned into the station at least once before. To do this, you can press TS to start Travelstore in menu level 2.

b) AF is switched on and PTY is switched off. If necessary, switch these functions on or off in menu level 2.

Scrolling

If it is possible to receive several programs in the same broadcasting network, you can scroll through them forwards by pressing **>>**, or backwards by pressing **<<**, e.g. NDR 1, 2, 3, 4, ...

Changing the memory bank

You can shift between the FM memory banks I, II and T and the AM memory banks M and MT in order to store stations and recall them later. The currently selected memory bank is indicated in the display.

- Press **NEXT** as often as necessary until the desired memory bank lights up in the display.



Storing stations

On FM, you can store six stations on the preset buttons **ST1 - ST6** for each of the memory banks I, II and T.

On AM/AMT, you can also store six stations each.

- Press **TU**, menu level 2 will appear in the display.
- Press **BND** to select the band.
- Use the rocker switch to tune into a station (either automatically ∧ / ∨ or manually **<< >>**).

- Press the desired preset button until the radio resumes play after the muting (takes approximately 2 seconds, confirmed by a beep).

Now the station has been stored.

Note:
Should you tune into a station which has already been stored before on another memory bank, the corresponding preset button and the memory bank will flash briefly in the display.

Automatically storing the strongest stations with Travelstore

You can automatically store the six most powerful FM and AM stations in your current reception area sorted according to their signal strength. This function is particularly con-venient on longer trips.

- Press **TU**, menu level 2 will appear in the display.
- Press **TS** briefly.

"T-STORE" will flash in the display.

The six strongest FM or AM stations will be automatically stored on the memory bank T (Travelstore). If it is not possible to receive six stations, the remaining presets will be marked by four dashes. When this process has been completed, the radio will play the station with the strongest reception (ST 1).

If desired, stations can also be stored manually on the Travelstore bank (see "Storing stations").

Recalling stored stations

You can recall any stored station at the touch of a button.

<u>FM</u>

Recall the stations on the memory bank selected directly:

- by pressing **ST1 - ST6**.

To select a station on a different bank:

- Press **NEXT** as often as necessary until the desired memory bank appears and then select the station by pressing **ST1 - ST6**.



<u>AM</u>

You can select the stations stored for the selected bank directly:

- by pressing **ST1 - ST6**.

To select a station on a different bank:

- Press **NEXT** as often as necessary until the desired memory bank AM or AMT appears and then select the station by pressing **ST1 - ST6**.

Scanning stored stations with Preset Scan

You can have all of the stored stations briefly scanned on all bands and in the selected FM memory bank.

Preset Scan cannot be started unless PTY is switched off ("PTY" is not highlighted in the display).

If necessary, switch off PTY on menu level 2. To do so

- press **TU** and switch off the function by pressing the corresponding key.

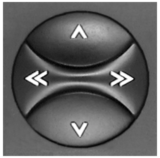
To start Preset Scan:

- Press **SCA** for approx. 1 second.

All of the stored stations on the band selected and within reception range will be scanned one after the other. "SCAN" and the station name or frequency will flash alternately in the display.

To select a scanned station and switch off Preset Scan:

- Press **SCA** or the rocker switch briefly.



Scanning stations with Radio Scan

You can also scan all of the stations within reception range.

Radio Scan cannot be started unless PTY is switched off ("PTY" is not highlighted in the display).

If necessary, switch off PTY on menu level 2. To do so

- press **TU** and switch off the function by pressing the corresponding key.

To start the Scan function:

- Press **SCA** briefly.

All of the stations on the band selected and within reception range will be scanned one after the other. "SCAN" and the station name or frequency will flash alternately in the display.

To select a scanned station and switch off the Radio Scan function:

- Press **SCA** or the rocker switch briefly.

If you do not select a station, the scan function will automatically switch off after the frequency band has been run through completely. The unit will tune into the station you were listening to before you started the scan function.

Changing the scan time

The scan time can be set from between five to a maximum of 30 seconds.

Please refer to the section on "DSC programming - SCANTIME".

Selecting the seek tuning sensitivity

You can alter the automatic seek tuning sensitivity.

If "lo" is displayed, the radio will only pick up strong, local stations (low sensitivity).

If "lo" does not light up, the radio will also pick up weaker, more distant stations (high sensitivity).

If you want to alter the sensitivity level, please refer to the section on "DSC programming - LO/DX").

Switching from stereo to mono (FM)

If reception is poor, you may get better sound quality by switching from stereo to mono in the DSC menu. Each time the radio is switched on, stereo playback is activated automatically.

The unit will automatically switch to mono if the signal received is not strong enough for stereo playback.

If you would like to switch to mono, refer to "DSC programming - STEREO/MONO".

The mode selected is indicated briefly in the display.

Automatic bandwidth adjustment (SHARX)

In the DSC menu, you can use the SHARX function to adjust the bandwidth in the FM frequency range. This can be a great advantage when there are a large number of stations within your current reception range.

Interference with strong adjacent stations can be reduced to an absolute minimum if you activate SHARX ON (factory setting).

If necessary, refer to the section on "DSC programming – SHARX".

ENGLISH

PTY - Program Type

PTY is an RDS service which an increasing number of broadcasting stations have begun to offer. This feature allows you to select FM stations according to their program type. After you have chosen the PTY of your preference, the corresponding stations can be selected either by seek tuning or using the scan function.

Switching PTY on/off

- Press **PTY**.

When the function is active, the program type selected last will briefly appear in the display, e.g. “SPORT”. As long as PTY is active, “PTY” will appear permanently in the display.



Program type

Use **<< >>** to have the last selected program type displayed and to choose a new one.

You can select any one of the stored types with the preset buttons ST1 - ST6.

Requirement: PTY must be active.

The following list indicates all of the program types which are currently available.

The letters printed in bold are identical to the abbreviation which appears briefly in the display.

NEWS
INFORM
SPORTS
TALK
ROCK
CLS ROCK
ADLT HIT
SOFT ROCK
TOP 40
COUNTRY
OLDIES
SOFT
NOSTALGA
JAZZ
CLASSICAL
R + B
SOFT R+B
LANGUAGE
REL MUSIC
REL TALK
PERSNLTY
PUBLIC
WEATHER

Checking the program type of the station

On menu level 2

- Press **PTY** for approx. 2 seconds.

After the beep tone the display will show the program type offered by the station currently playing.

If “NONE” appears in the display, the current station has no PTY code.

Displaying the selected program type

- Press **<<** or **>>**.

The program type selected last will be displayed briefly.

Selecting a program type

a) Using the preset buttons

When PTY is switched on, you can use the preset buttons ST1 - ST6 to select the program types stored at the factory.

- Press one of the presets ST1 - ST6.

The selected program type will be displayed for 2 seconds.

If you would like to listen to a station with this PTY,

- press ∧/∨ to start the seek tuning function.

If the radio is unable to find a station offering the selected program type, the display will show “NO PTY” and a beep tone will be emitted. The radio will select the station which was tuned into before seek tuning was activated.

You can assign different program types to each preset position. Please refer to the next section on “Storing program types”.

b) Using the **<< >>** buttons on the rocker switch

When PTY is switched on, you can select a program type using buttons **<< >>**.

- Press **<<** or **>>**; the program type selected last will be displayed for 3 seconds.
- During this period press **>>** (forwards) or **<<** (backwards) to select the desired type.
- Press **<<** or **>>** as many times as required.

If you would like to listen to a station with the selected PTY,

- press ∧ / ∨ to start the seek tuning function.

If the radio is unable to find a station offering the selected program type, the display will show “NO PTY” and a beep tone will be emitted. The radio will select the station which was tuned into before seek tuning was activated.

Storing program types

Each of the preset buttons ST1 - ST6 has been assigned one program type at the factory.

If desired, you can also replace these with other available program types.

To do so, make sure that “PTY” lights up in the display.

- If necessary, press the **PTY** button to switch on the function.
- Select a program type using buttons **<< >>** and
- hold down the desired preset button (ST1-ST6) until you hear a beep.

Now the selected program type can be recalled by pressing this preset when PTY has been activated. (“PTY” appears in the display.)

Scanning stations with PTY SCAN

Requirement: “PTY” must appear in the display.

- Press the **SCA** button.

All of the stations in your current reception area offering the selected program type will be scanned.

To switch off PTY-SCAN:

- Press **SCA** or the seek-tuning rocker switch once again.

After the entire band has been scanned, the PTY-SCAN function will be turned off automatically.

PTY priority

Situation:

PTY is switched on and lights up in the display.

No station offering the selected program type can be found currently in your reception range (with seek tuning or scan).

The set will switch back to the station previously tuned into.

As soon as it is possible to receive a program in the broadcasting network with the PTY selected, the radio will switch over to the corresponding station for the duration of the program.

Example:

- Station playing: #1.
- "PTY" lights up in the display.
- Program type "POP" selected.
- Seek tuning is started.
- No station with "PTY-POP" can be found.
- The display shows "NO PTY" and
- automatically switches back to #1.
- #2 airs a "PTY-POP" program.
- The radio will switch to the linked station #2 for the duration of the "POP" program.

During CD operation, the set will also switch to the program offering the selected PTY within the broadcasting network.

After the PTY program has ended the system will switch back to the previous mode (radio or CD).

Note:
As already mentioned, these functions are not supported by all of the RDS stations at the present time.

CD operation / CD changer operation

You can play CD on this unit. In addition, CDs can be played on the Blaupunkt CD changers, CDC A 05, A 06, A 071, A 072, A 08, IDC A 09.
These changers can be purchased at any authorized retail outlet.

Note:

Use only standard circular CDs measuring 12 cm in diameter!
CDs measuring 8 cm in diameter or promotional CDs in different shapes such as a butterfly or beer mug are not suitable for playback using this equipment.
This is very likely to result in the destruction of the CD or the CD drive.
We assume no liability for damage to the equipment caused by playing unsuitable CDs.

<u>CD operation</u>

Inserting a CD

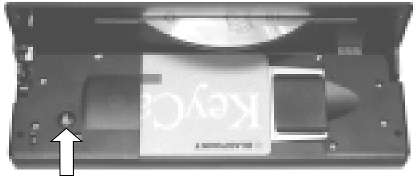
- Switch on the unit and press ① to unlock the operating panel.

The operating panel will fold down forward.

- Insert a CD (with the label facing up). Never use force.

The CD will be transported to its playing position automatically. CD playback will start.

- Push the operating panel up on the left-hand side and lock it into position.



Removing a CD

- Fold down the operating panel and press the Eject button (arrow) for approx. 1 second.

The CD will be ejected.

To protect the CD mechanism, do not impair or try to help the automatic insertion and ejection of the disc in any way.

If the CD is not removed from the drive within approximately 30 seconds, it will be re-inserted automatically.

For safety's sake, the operating panel must remain locked when the vehicle is in motion.

Switching on CD operation

Make sure that a disc is inserted, "DISC-IN" will appear in the display.

- Press **CD**, the CD functions will appear in the display (track number, name/playback time).



<u>Changer operation</u>

Switching on CD changer operation

Make sure that at least one CD has been inserted into the magazine.

- Press **CDC**, the CDC functions will appear in the display (track number, name/playback time).

Selecting the display mode

You can select the desired display mode for CD and CD changer operation:



- Press **DIS** as often as necessary until you have selected the desired display mode.

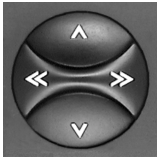
“CD 10”	–	The CD number (for changer operation only).
“TRACK 13”	–	Track number
“14:34”	–	Clock
“00:20”	–	The elapsed playback time
“VIVALDI”	–	CD name

The CD name will not be displayed unless it has already been entered.

Please refer to the section on “Entering CD names”.

Selecting CDs and titles

You can use the rocker switch to conveniently select CDs, tracks or passages. You cannot select CDs unless a CD changer has been connected.



<< / >>	**CD selection** (changer operation only)
>>	**Up:** Press briefly
<<	**Down:** Press briefly
∧ / ∨	**Track selection**
∧	**Upwards:** Press briefly. **CUE - fast advance (audible):** Hold pressed down.
∨	**Downwards:** Press twice or as many times as required. **To re-start a title:** Press briefly. **REVIEW - fast reverse (audible):** Hold pressed down.

The rocker switch acts as a sequence switch so that you can skip over several CDs or tracks if you press it repeatedly.

Repeating tracks/CDs

You can repeat a track or a CD (in changer operation) as often as desired. Use the **RPT** key to select the following functions:

- REP TRCK = Repeat track
- REP CD = Repeat CD (changer operation only)
- RPT OFF = Repeat function off

- Press **RPT** as many times as necessary until you have selected the desired setting.

The CD or the track will repeat until you press **RPT** to switch off the function with “RPT OFF”.

TPM

(**T**rack **P**rogram **M**emory)

Use this feature to program and play your favorite CD tracks in CD and changer operation. Up to 30 CDs can be managed in the CD mode, up to 99 discs in the CDC mode, with a maximum of 40 tracks each. TPM can only be used in the mode it was stored in (CD or changer operation).

Storing tracks with TPM

A track can only be stored while it is playing.

To store a track

- press **TPM** for approx. 1 second, “TPM PROG” will appear in the display.

This track has been stored.

Switching TPM playback on/off

- Press **TPM** briefly. The mode selected will appear briefly in the display (TPM ON/OFF).



If “TPM” is highlighted in the display, this means that TPM playback is active. All of the tracks on the CD stored in this operating mode will be played. If you activate SCA (scan) as well, these tracks will be scanned.

TPM playback cannot be activated unless you have already stored tracks with the TPM function.

Deleting the TPM

You can delete the tracks stored with TPM. TPM tracks can be deleted with **CLR** only when they are playing.

- Switch on TPM.
  “TPM” will be highlighted in the display.
  In this case, “CLR” will appear below TPM.

If you would like to delete the track playing

- press **CLR** for approx. 2 seconds, “TRCK CLR” will flash briefly in the display.

If you would like to delete all of the tracks on the CD playing

- press **CLR** for approx. 5 seconds, “DISC CLR” will flash briefly in the display.

If you would like to delete all of the tracks on all of the CDs in the magazine in changer operation

- press **CLR** for approx. 8 seconds, “ALL CLR” will flash briefly in the display.

If you would like to delete the TPM and the CD names at the same time, refer to the section on “Deleting CD names/TPM with DSC UPDATE”.

MIX

You can have the CD tracks played in random order. The MIX function is active when “MIX” is highlighted in the display.

You can choose the following MIX functions:

MIX CD

The tracks on the selected CD will be played in random order. The next disc will be selected in numerical order. MIX (random order) applies to the playback of the tracks.

MIX MAG (for changer operation only)

<u>CDC A 08, IDC A 09</u>: All tracks on the CDs in the magazine will be played in random order.

<u>CDC A 05, A 06, A 071 and 072</u>: The CDs in the magazine are selected at random and then the tracks on the CD selected are played in random order.

MIX OFF

The Mix function is deactivated. Discs and titles will be selected in numerical order.

To alter the setting:

- Press **MIX** briefly, the function selected will appear briefly in the display.

SCAN

Use this function to scan all of the CD tracks.

To start the Scan function:

- Press **SCA** briefly, the display will indicate “SCAN”.

The titles will be scanned one after the other in ascending order.

To stop the Scan function:

- Press **SCA** once again briefly.

The track currently scanned will continue to play.

SCAN will also stop if you press the rocker switch, MIX, RPT, DSC, AUD, TU or CDC.

Entering CD names

You can enter names for up to 30 discs and in changer operation for up to 99 discs.

The specified name (e.g. VIVALDI) will appear in the display if you have selected the corresponding display mode with **DIS**.

To start the entry:

- Press the **DSC** button and press ∧ / ∨ as often as necessary until “CD-NAME” appears in the display.
- Press **<< >>**.

The position for the first character will begin to flash.

- Use the rocker switch ∧ / ∨ to select the first character.

The capital letters A to Z, the numbers 0 to 9 and special characters will be listed one after the other.

- Use the rocker switch **<< >>** to move to the next position and select a character.

You can select up to eight characters in this way.

Once you have completed the name as desired:

- Press **ENT** in order to store it.

To quit the naming mode,

- leave the DSC menu by pressing **DSC**.

If you would like to name another CD,

- insert a new disc <u>for CD operation</u>

Or

- press **<< / >>** <u>for changer operation</u>
- and press ∧ / ∨ to select another CD in the magazine.

You can change any existing name by entering and storing a new one (overwriting).

Deleting CD names/TPM with DSC UPDATE

Use the UPDATE feature to delete the CD names and the TPM at the same time.

You can delete the name stored for the CD in the CD drive and its TPM with “CLR DISC”.

Use “CLR ALL” to delete the names and TPM for all of the CDs.

Insert the CD for which you want to delete the name into the CD drive.

- Press **DSC**.
- Press ∧ / ∨ as many times as required until “UPDATE” appears in the display.
- Press **>>** to select “CLR DISC” if you want to delete the name and TPM of that CD,

or

- Press **<<** to select “CLR ALL” to delete the names and TPM stored for all of the CDs.
- Press **ENT** for approx. 1 second. “DELETING” will appear briefly in the display.

The deletion process is complete.

To return to “UPDATE” in the DSC menu without deleting the CD names and TPM:

- Press **ENT**.

This car stereo is equipped with a built-in clock which automatically takes advantage of RDS to ensure highly accurate time-keeping (hours, minutes).

For the clock to function properly with RDS, an RDS station with the CT function (CT – clock time) must be received.

The automatic correction of the time cannot be switched off completely.

Setting the clock

a) automatically

The clock is set automatically when the radio is tuned into an RDS station which has the “CT” function (clock time).

b) manually with DSC-CLOCKSET

- Press **DSC** briefly, “CLOCKSET” will appear in the display.
- Press **<< >>** to set the hours/minutes. You can move to a different position by pressing ∧ / ∨.
- After you have set the clock, press **ENT** briefly to store the new setting.

Displaying the clock

You can set the clock to permanent display in both the radio and CD modes.

Radio mode:

You can switch between clock display and band (incl. memory bank). To do so

- press **DIS** for approx. 2 seconds.

CD mode:

You can select from among three different display modes:

- Track number, clock
- Track number, playback time elapsed
- CD name, track number

To switch between the modes

- press **DIS** briefly.

Correcting the clock after the power has been disconnected

If the radio has been disconnected from its power source for a longer period of time, “0:00” will appear in the display when it is re-connected.

The time will be set automatically by RDS-CT, but can also be adjusted manually if desired.

You need only set the time manually if it is not possible to receive an RDS station with CT (clock time).

If you want to set the time manually, refer to the section on “DSC programming - CLOCK-SET”.

Deactivating the hour correction function

In the DSC menu it is possible to switch off the hour correction function with “CLK MAN/ CLK AUTO”. An automatic correction for minutes will continue to take place.

This is useful if you would like to display the time for a different time zone, for example.

If necessary,

- Press **DSC** briefly and
- Press ∧ / ∨ as often as required until “CLK MAN/CLK AUTO” appears in the display.

To deactivate the hour correction function press **<< >>** to select “CLK MAN”.

Setting the equalizer

The acoustic characteristics of the car interior affect the quality of the sound reproduced in your vehicle to a much greater extent than the speakers.

Position, installation and the rear volumes of, for example, the door or rear window shelf all play an important role.

Even the sound produced by well selected and installed speakers can be affected negatively by resonance frequencies in the vehicle interior.

As a result, the bass sounds may be lost or reverberate, the mid-range tones sound too overpowering and music instruments or voices may be distorted or the total sound quality may be completely lifeless.

The overall sound quality can be greatly enhanced if certain frequencies are suppressed or boosted.

This car stereo is equipped with 2 parametric filters. The first filter “LOW EQ” can be set from 32 to 500 Hz, the second filter “HIGH EQ” from 630 to 10000 Hz. In this context, parametric means that it is possible to set the frequency and either boost or reduce it (+10 to –20 dB) individually for each of these filters.

These parametric filters can be adjusted to very exact settings even without the help of measuring instruments.

The individual steps you have to take to make these settings are described in the table.

Notes on making the settings

The following notes are intended as recommendations only. They do not necessarily reflect your own personal sound preferences.

We recommend that you use a music CD you are familiar with to make the settings. The CD should include tracks with different instruments and vocals. Purely electronic music is not well suited to serve as a basis for making the settings because the original sounds cannot be determined.

Before you set the equalizer, set bass, treble, balance and fader to “0”.

This setting is described in the Quick Reference under ⑧ **AUD**.

Now listen to the CD you have selected.

Evaluate the sound according to your own personal preferences.

Now refer to “Sound impression/problem” in the table and you will find suggestions to eliminate any problems under “What to do”.

Make the settings for bass and the lower mid-range tones with the LOW EQ filter, select HIGH EQ for treble and mid-range tones.

The “HIGH EQ” and “LOW EQ” filters can be set in the DSC menu:

- Press **DSC**.
- Press **∧** / **∨** as often as necessary until “HIGH EQ” or “LOW EQ” appears in the display.
- Press **<<** or **>>** once and
- Set the level in the following table by pressing **∧** / **∨**.
- Press **<< >>** to switch the frequency range.
- Press **ENT** to store your settings.

You can switch the equalizer on and off by pressing **AUD** for approx. 2 seconds.

Now you can compare the sound produced by your car stereo with and without the equalizer.

Assistance in setting your equalizer

Start to make your settings in the mid-range/treble and finish with the bass range.

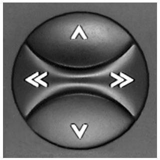
Frequency range	Sound impression/problem	What to do	Notes
Bass 30 – 100 Hz	Bass reproduction too weak	Boost the bass with the “LOW EQ” filter Frequency: 50 to 100 Hz GAIN: +4 to +6 dB	Avoid distortion. Boost the level carefully if the speaker diameter is too small.
Lower mid-range 100 – 400 Hz	Unclear bass Playback reverberates Unpleasant pressure on the ears	Reduce the lower mid-range with the “LOW EQ” filter Frequency: 125 to 400 Hz GAIN: approx. –4 dB	The tone may become too lean and aggressive. Pay attention to the underlying tone of the music.
Mid-range sound 400 – 4000 Hz	Sound appears to be too much in the foreground, very aggressive, no stereo effect	Reduce the mid-range with “HIGH EQ” filter Frequency: 1000 to 2500 Hz GAIN: -4 to –6 dB	Playback should not be too quiet. Tone too powerless.
Treble 4000 to 20000 Hz	Lifeless reproduction Lack of transparency Instruments do not sparkle	Boost treble range with “HIGH EQ” filter Frequency: approx. 10 kHz GAIN: +2 to +4 dB	Avoid a piercing type of tone. Strong hissing sound unpleas-ant.

DSC programming

The car stereo has been equipped with DSC (**D**irect **S**oftware **C**ontrol) to allow you to customize certain programmable, basic settings to suit your personal needs and preferences and then store them.
The basic settings for this audio equipment were made at the factory.
In the following you can find an overview of these settings, so that you can always reset to them if desired.
If you wish to alter any of the programming,

- press **DSC**.

Use the rocker switch and the **ENT** button to select and adjust the functions de-scribed in the following. The display will show you the setting you have selected.



∧ / ∨	Select function
<< / >>	Adjust/recall value

LOW EQ Equalizer setting:
To activate the frequencies and set the level for the lower frequency range.
Refer to the detailed instructions in the section on "Equalizer setting".

HIGH EQ Equalizer setting:
To activate the frequencies and set the level for the upper frequency range.
Refer to the detailed instructions in the section on "Equalizer setting".

CD NAME Only available during CD playback.
Use this function to name your CDs. (See "Entering CD names")

SHARX Switches the bandwidth in the FM frequency range. When there are a large number of stations within your current reception range, use **<< >>** to switch to SHARX ON which will prevent most interference from adjacent radio stations.
This function has been set to "SHARX ON" at the factory.

HICUT Interference-related cut in the treble sound. Cuts the treble when interference occurs. Can be adjusted from NO HICUT (OFF) to HICUT 3 (highest setting). Which setting is the most pleasant is a matter of personal preference.

LO/DX To adjust the seek tuning sensitivity.
"LO" stands for local reception.
"DX" stands for distant reception.
Select "LO 3" if you want to receive strong stations in the local area, select "DX 1" if you want to tune into weaker stations which are further away.

STEREO/MONO
Switch modes by pressing **<< >>**.
The mode selected will appear briefly in the display.
The radio will begin with STEREO playback each time it is switched on.

CLOCKSET To set the clock manually.
Press **<< >>** to set the hours/minutes. Move to the next flashing position by pressing ∧ / ∨. To store the setting selected, press **ENT** briefly.
Also refer to the section on "CLOCK".

CLK AUTO/MAN
Switches the hour correction function on/off. Read the information in the section on "Clock, Deactivating the hour correction function".

12/24H MODE
Select the clock display (12 or 24-hour display)

CLK ON/OFF The clock display will appear when the ignition is switched on, but the car stereo is switched off. In this case, set CLK ON.

ON VOL Use this function to select the volume at which the radio is set when it is switched on.
Adjust the desired volume level with **<< >>**.
When adjusted to "LAST VOL", the system will come on at the volume selected before it was switched off.

BEEP Acknowledgement tone for all functions which require a button to be pressed for more than one second.
The volume can be adjusted from between 0 to 9.
(0 = off)

DIM DAY Use this function to select the display brightness for the daytime (from 1 to 9).

DIM NIGHT Use this function to select the display brightness for the night-time (from 1 to 9).

The brightness changes accordingly when the car headlights are switched on/off.

ANGLE Adjusts the display to the individual viewing angle.

SCANTIME Use this function to set the scan time for the radio or CD player from 5 to 30 seconds.

AUX ON/OFF
This menu item will not appear if a CD changer has been connected to the system. The factory setting is "OFF".
If another system component is connected to AUX, this setting must be altered to "AUX ON".

LEARN KC To "train" a second Key-Card.
Please read the information in the section on "KeyCard theft protection system" - "Training a KeyCard".

READ KC To read out the KeyCard data.
The card supplied with the radio is used to display the model name, type number (7 6 …) and the serial number.
With the extra card it is possible to display data entered by your specialized dealer. (See the section on "Short Additional Memory S.A.M.").
If you remove the KeyCard during the reading process, "READ KC" will appear on the display panel.

LED ON/OFF Here you can choose between LED ON or LED OFF. With LED ON, the "ON" knob will flash for extra anti-theft protection when the unit has been switched off and the KeyCard removed.

PEAK ON/OFF
Switches the dynamic level display for the volume on/off.

UPDATE Use this function to delete CD names during CD and changer operation to make more storage capacity available for new discs. (See "Deleting CD names with DSC-UPDATE").

To quit the DSC programming mode and store the adjustment:

- Press **DSC**.

Overview of the DSC factory settings

LOW EQ	0 dB/40 Hz
HIGH EQ	0 dB/630 Hz
CD NAME	-
SHARX	SHARX ON
HICUT	HICUT 2
LO / DX	DIST 1
STEREO/MONO	STEREO
CLOCKSET	0:00
CLK AUTO / MAN	CLK AUTO
12/24H MODE	24H MODE
CLK ON/OFF	CLK OFF
ON VOL	LAST VOL
BEEP	3
DIM DAY	9
DIM NIGHT	9
ANGLE	0
SCANTIME	10 sec.
AUX	OFF
LEARN KC	-
READ KC	-
LED	ON
PEAK ON/OFF	ON
UPDATE	-

Specifications

Amplifier

Output power: 4 x 25 W RMS power acc. to DIN 45324 at 14.4 V
4 x 40 W max. power

Tuner

Bands:
FM: 87.7 - 107.9 MHz
AM: 530 - 1710 kHz

FM sensitivity: 0.7 µV at 26 dB signal-to-noise ratio

FM Mono sensitivity:
7.8 dBf

FM frequency response:
20 - 16000 Hz

CD player

Frequency response: 20 - 20000 Hz

Specifications subject to change without notice!

Glossary - Technical Terminology

AF - **A**lternative **F**requency

In RDS this function ensures that the radio always tunes into the frequency with the best reception for the station.

Amplifier

Amplifies the output power.

AUD – **Aud**io

Sound settings for bass and treble, balance (left/right) and fader (front/rear).

BND (**B**a**nd**)

Switches between bands and memory banks.

Changer

CD changer

CL – **Cl**ear

Returns to the previous menu item.

DSC – **D**irect **S**oftware **C**ontrol

With the help of DSC it is possible to adjust the basic factory settings to your own personal preferences.

ENT (**Ent**er)

Press briefly to accept/store settings.

Equalizer

Adjusts the frequencies to the acoustic conditions and personal tastes.

EXIT

Press to end/cancel a setting.

KeyCard

Theft protection system from Blaupunkt. The car stereo cannot be operated without the correct KeyCard.

MIX

CDs/CD tracks are played in random order.

MUTE

Switches audio off

Preset Scan

See Scan

PTY

Designed for the selection of a specific type of program in FM (e.g. sports, news). Also see RDS.

RDS – **R**adio **D**ata **S**ystem

Service provided by radio stations to enhance radio listening pleasure.
The station name, for example, is displayed instead of the frequency.

Other RDS functions include:

AF – Alternative Frequency
PTY – Program type

RPT (**R**e**p**ea**t**)

Repeats CD tracks. In changer operation you can repeat single tracks or complete CDs.

SCAN

Briefly plays the radio stations in your current reception range or the tracks on a CD in CD mode. Using Preset Scan you can scan the radio stations stored on the preset buttons.

Softkey (**Soft**ware **key**)

Key with varying functions

SRC - **S**ou**rc**e

Source switch between radio and CD changer.

TPM – **T**rack **P**rogram **M**emory

Stores and plays your favorite tracks in CD or changer mode.

TS – **T**ravel**s**tore

Automatically stores the stations with the best reception on the station preset buttons. Very useful during trips.

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Bosch Gruppe

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